## USDA BioPreferred<sup>SM</sup> Process for Industry Investigation

## **Designation Item**

This section details the item that has been investigated for designation in the BioPreferred<sup>SM</sup> program.

Item Investigated: Dust Suppressants

## **Industry Investigation Addendum**

The original Industry Investigation documents included results from the Defense Logistics Agency (DLA) ASSIST Quick Search. This document provides product information, test methods, and performance standards results from the Defense Logistics Agency Basic Search related to biobased products. This information reflects the DLA Basic Search results as of March 20, 2007.

## Defense Logistics Agency – ASSIST Database – Basic Search (http://www.assistdocs.com/search/search\_basic.cfm)

This search lists military, federal, and commercial item specifications.

| Keyword           | Results           |                              |
|-------------------|-------------------|------------------------------|
| Dust Suppressants | MIL-HDBK-87244    | AVIONICS/ELECTRONICS         |
| - <del>-</del>    |                   | INTEGRITY                    |
|                   | MIL-HDBK-114A     | FUELS, MOBILITY, USER        |
|                   |                   | HANDBOOK                     |
|                   | MIL-HDBK-1015/1   | ELECTROPLATING FACILITIES    |
|                   | MIL-HDBK-336/2    | SURVIVABILITY, AIRCRAFT,     |
|                   |                   | NONNUCLEAR, AIRFRAME-        |
|                   |                   | VOLUME 2                     |
| Dust Controller   | MIL-STD-1682-2    | SHIPYARD INSPECTION AND      |
|                   |                   | CLEANING PROCEDURES FOR      |
|                   |                   | SUBMARINES PART 2 MISSILE    |
|                   |                   | CONTROL CENTER SSBN 598      |
|                   |                   | CLASS (NO S/S DOCUMENT)      |
|                   | MIL-D-70860       | DETECTOR BELT ASSEMBLY,      |
|                   |                   | GENERAL SPECIFICATION FOR    |
|                   |                   | (NO S/S DOCUMENT)            |
|                   | MIL-G-58087A(1)   | GRIP ASSEMBLY, CYCLIC        |
|                   |                   | CONTROLLER, HELICOPTER (NO   |
|                   |                   | S/S DOCUMENT)                |
|                   | MIL-STD-1682-12   | SHIPYARD INSPECTION AND      |
|                   |                   | CLEANING PROCEDURES FOR      |
|                   |                   | SUBMARINES PART 12 MISSILE   |
|                   |                   | CONTROL CENTER SSBN 608      |
|                   |                   | CLASS (NO S/S DOCUMENT)      |
|                   | A-A-59501         | AIR CONDITIONING UNIT,       |
|                   |                   | ELECTRIC DRIVEN, TRAILER     |
|                   | NAME DOTTE OFFICE | MOUNTED                      |
|                   | MIL-DTL-25561B    | GRIP ASSEMBLY, CONTROLLER,   |
|                   | MH E 40201        | AIRCRAFT, TYPE MC-2          |
|                   | MIL-T-49381       | TEST SET, THERMAL SIGHT, TS- |

|                  | 26018450.2                        |
|------------------|-----------------------------------|
|                  | 3681/V5G-2                        |
| A-A-59506        | AIR CONDITIONING UNIT,            |
|                  | DIESEL ENGINE DRIVEN,             |
|                  | TRAILER MOUNTED                   |
| MIL-F-55356      | FLIGHT COORDINATION               |
|                  | CENTRAL AN/TSC-61()               |
| MIL-T-23164      | TEST HARNESS, AUTOMATIC           |
|                  | PILOT SYSTEM, AN/ASM-50(*)        |
|                  | (NO S/S DOCUMENT)                 |
| A-A-55001/3B     | DISK DRIVE UNIT, SINGLE           |
|                  | DRIVE, SMALL COMPUTER             |
|                  | SYSTEM INTERFACE (SCSI),          |
|                  | HALF HEIGHT, INTERNAL, CD-        |
|                  | ROM WITH CONTROLLER CARD,         |
|                  | CABLES, HOLDER CARTRIDGE,         |
|                  | SOFTWARE PROGRAM AND              |
|                  | OTHER ACCESSORIES                 |
| MIL-C-38418E(2)  | CONTROL ASSEMBLY,                 |
| WIIL-C-36416E(2) | ,                                 |
|                  | GYROSCOPE, ATTITUDE A/A24G-<br>39 |
| MIL DDE 22007    |                                   |
| MIL-PRF-32007    | OILY WASTEWATER                   |
|                  | SEPARATION SYSTEM, 6-7-           |
|                  | GALLON PER MINUTE NAVY            |
|                  | INTEGRATED MEMBRANE               |
|                  | SYSTEM (NIMS)                     |
| MIL-T-62357A     | TRAILERS, TANK: POTABLE           |
|                  | WATER AND GENERAL                 |
|                  | PURPOSE, 500 GALLON, TWO          |
|                  | AND FOUR-WHEEL, MODIFIED          |
|                  | COMMERCIAL                        |
| MIL-F-80113D     | FURNACE, VACUUM, HEAT             |
|                  | TREATING AND BRAZING (NO          |
|                  | S/S DOCUMENT)                     |
| MIL-G-27369A     | GENERATOR, HYDROGEN ML-           |
|                  | 539/TM (NO S/S DOCUMENT)          |
| MIL-F-80233B     | FURNACE, VACUUM, HEAT             |
|                  | TREATING, INTEGAL QUENCH          |
|                  | (NO S/S DOCUMENT)                 |
| MIL-PRF-53051B   | PUMPING ASSEMBLY, WHEEL-          |
|                  | MOUNTED, DIESEL-ENGINE-           |
|                  | DRIVEN, BULK TRANSFER, FUEL       |
|                  | AND POTABLE WATER                 |
|                  | PUMBING SERVICE                   |
| MIL-STD-1682-10  | SHIPYARD INSPECTION AND           |
| MIL-91D-1002-10  | CLEANING PROCEDURES FOR           |
|                  |                                   |
|                  | SUBMARINES PART 10                |
|                  | NAVIGATION CENTER SSBN 640        |
| DOD CED AF       | CLASS (NO S/S DOCUMENT)           |
| DOD-STD-35-      | AUTOMATED ENGINEERING             |
| 85A(3)           | DOCUMENT PREPARATION              |
|                  | SYSTEM FANS AND IMPELLERS         |
|                  | (NO S/S DOCUMENT)                 |
| MIL-PRF-32041A   | ULTRAFILTRATION SYSTEM, 50-       |
|                  | 1                                 |

|               |                      | GALLON PER MINUTE OILY                           |
|---------------|----------------------|--|
|               |                      | WASTE MEMBRANE (OWMS-50)                         |
|               | MIL-B-29205A         | BOILERS, FLUIDIZED BED,                          |
|               | WIIL-D-29203A        | STEAM AND HOT WATER,                             |
|               |                      | PACKAGED TYPE (330 TO 51,500                     |
|               |                      |  |
|               |                      | POUNDS PER HOUR THERMAL                          |
|               |                      | OUTPUT CAPACITY) (NO S/S                         |
|               | MH DDE (25/5D        | DOCUMENT)  |
|               | MIL-PRF-62565B       | AIR CLEANER, ENGINE                              |
|               | MIL-T-38767A         | TRACTOR, WHEELED,                                |
|               |                      | WAREHOUSE, ELECTRIC MOTOR                        |
|               |                      | DRIVEN, WALKING TYPE, 700                        |
|               |                      | POUNDS DRAWBAR PULL (NO                          |
|               |                      | S/S DOCUMENT)                                    |
|               | MIL-STD-1682-1       | SHIPYARD INSPECTION AND                          |
|               |                      | CLEANING PROCEDURES FOR                          |
|               |                      | SUBMARINES PART 1                                |
|               |                      | NAVIGATION CENTER SSBN 598                       |
|               |                      | CLASS (NO S/S DOCUMENT)                          |
|               | A-A-55001/4B         | DISK DRIVE UNIT, FOUR DRIVE,                     |
|               |                      | SMALL COMPUTER SYSTEM                            |
|               |                      | INTERFACE (SCSI), HALF                           |
|               |                      | HEIGHT, EXTERNAL, CD-ROM,                        |
|               |                      | AND OTHER ACCESSORIES                            |
|               | A-A-55001/5B         |  |
|               |                      | DISK DRIVE UNIT, SEVEN                           |
|               |                      | DRIVE, SMALL COMPUTER                            |
|               |                      | SYSTEM INTERFACE (SCSI),                         |
|               |                      | HALF HEIGHT, EXTERNAL, CD-                       |
|               |                      | ROM, AND OTHER ACCESSORIES                       |
|               | A-A-55001/1B         | DISK DRIVE UNIT, SINGLE                          |
|               | 1111 33001/12        | DRIVE, SMALL COMPUTER                            |
|               |                      | SYSTEM INTERFACE (SCSI),                         |
|               |                      | HALF HEIGHT, EXTERNAL, CD-                       |
|               |                      | ROM AND OTHER ACCESSORIES                        |
|               | A-A-55001/2B         | DISK DRIVE UNIT, DUAL DRIVE,                     |
|               | Λ-Λ-33001/4 <b>D</b> | SMALL COMPUTER SYSTEM                            |
|               |                      | INTERFACE (SCSI), HALF                           |
|               |                      | HEIGHT, EXTERNAL, CD-ROM,                        |
|               |                      | AND OTHER ACCESSORIES                            |
| Dust Control  | SAE-ARP743           | AIR IN DUST CONTROLLED                           |
| Dust Collinoi | SAL-ART 143          | SPACES BY THE PARTICLE                           |
|               |                      | COUNT METHOD, PROCEDURE                          |
|               |                      | FOR THE DETERMINATION OF                         |
|               |                      | PARTICULATE                                      |
|               |                      | CONTAMINATION OF                                 |
|               | MIL-T-29019/1        | TRAINING AID,                                    |
|               | WIIL-1-49019/1       | DEMONSTRATOR, AUTOMOTIVE                         |
|               |                      |  |
|               | MIL C 45052(2)       | FUEL PUMP (NO S/S DOCUMENT)                      |
|               | MIL-C-45953(3)       | CONTROL PANEL, PILOT (NO S/S                     |
|               | ODI 5400 00          | DOCUMENT)  |
|               | QPL-5423-33          | BOOTS, DUST AND MOISTURE<br>SEAL (FOR TOGGLE AND |
|               |                      |  |

| PUSHBUTTON SWITCHES, CIRCUIT BREAKERS, AND ROTARY-ACTUATED PARTS) GENERAL SPECIFICATION FO  A-A-50852A  MICROSCOPE, OPTICAL, BINOCULAR  MIL-R-85111A(8)  RECOVERY ASSIST, SECURIN AND TRAVERSING SYSTEM F LAMPS MK III HELICOPTER  MIL-HDBK-1003/7  STEAM POWER PLANTS - FOS FUELED (S/S BY MIL-STD-300  A-A-58056  MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC YARD CAPACITY |      |
|--|------|
| ROTARY-ACTUATED PARTS) GENERAL SPECIFICATION FO  A-A-50852A  MICROSCOPE, OPTICAL, BINOCULAR  MIL-R-85111A(8)  RECOVERY ASSIST, SECURIN AND TRAVERSING SYSTEM F LAMPS MK III HELICOPTER  MIL-HDBK-1003/7  STEAM POWER PLANTS - FOS FUELED (S/S BY MIL-STD-300)  A-A-58056  MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC   |      |
| GENERAL SPECIFICATION FOR A-A-50852A MICROSCOPE, OPTICAL, BINOCULAR  MIL-R-85111A(8) RECOVERY ASSIST, SECURIN AND TRAVERSING SYSTEM FOR LAMPS MK III HELICOPTER  MIL-HDBK-1003/7 STEAM POWER PLANTS - FOR FUELED (S/S BY MIL-STD-300)  A-A-58056 MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC  |      |
| A-A-50852A  MICROSCOPE, OPTICAL, BINOCULAR  MIL-R-85111A(8)  RECOVERY ASSIST, SECURIN AND TRAVERSING SYSTEM I LAMPS MK III HELICOPTER  MIL-HDBK-1003/7  STEAM POWER PLANTS - FOS FUELED (S/S BY MIL-STD-300  A-A-58056  MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC   | )R   |
| BINOCULAR  MIL-R-85111A(8)  RECOVERY ASSIST, SECURIN AND TRAVERSING SYSTEM FILAMPS MK III HELICOPTER  MIL-HDBK-1003/7  STEAM POWER PLANTS - FOST FUELED (S/S BY MIL-STD-300)  A-A-58056  MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC  |      |
| MIL-R-85111A(8)  RECOVERY ASSIST, SECURIN AND TRAVERSING SYSTEM FILAMPS MK III HELICOPTER  MIL-HDBK-1003/7  STEAM POWER PLANTS - FOST FUELED (S/S BY MIL-STD-300)  A-A-58056  MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC   |      |
| AND TRAVERSING SYSTEM I LAMPS MK III HELICOPTER  MIL-HDBK-1003/7 STEAM POWER PLANTS - FOS FUELED (S/S BY MIL-STD-300  A-A-58056 MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC   |      |
| LAMPS MK III HELICOPTER  MIL-HDBK-1003/7 STEAM POWER PLANTS - FOS FUELED (S/S BY MIL-STD-300  A-A-58056 MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC   | G    |
| MIL-HDBK-1003/7 STEAM POWER PLANTS - FOS<br>FUELED (S/S BY MIL-STD-300<br>A-A-58056 MECHANICAL STREET<br>SWEEPER, MINIMUM 3 CUBIC  | OR   |
| A-A-58056  FUELED (S/S BY MIL-STD-300  MECHANICAL STREET  SWEEPER, MINIMUM 3 CUBIC   |      |
| A-A-58056  FUELED (S/S BY MIL-STD-300  MECHANICAL STREET  SWEEPER, MINIMUM 3 CUBIC   | SSIL |
| A-A-58056 MECHANICAL STREET SWEEPER, MINIMUM 3 CUBIC   |      |
| SWEEPER, MINIMUM 3 CUBIC   | - /  |
|  | ٦    |
| Thich chi hen i  |      |
| MIL-C-83260A COUPLER, HYDRANT VALVE  |      |
| GRU-16/E   |      |
| MIL-PRF-52747F NOZZLE ASSEMBLY, CLOSEI   | )-   |
| CIRCUIT REFUELING,   |      |
| STANDARD AND ARCTIC  |      |
| SERVICE  |      |
| A-A-59156A DISPERSER AND RIOT CONTI  | ROL  |
| AGENT, MANUALLY CARRIE   | D    |
| MIL-STD-1682-2 SHIPYARD INSPECTION AND   |      |
| CLEANING PROCEDURES FOR  | 3    |
| SUBMARINES PART 2 MISSIL   | E    |
| CONTROL CENTER SSBN 598  |      |
| CLASS (NO S/S DOCUMENT)  |      |
| A-A-59377A COUPLING ASSEMBLY, QUIC   | K-   |
| DISCONNECT, SEXLESS TYPE   |      |
| A-A-59330 GRINDING MACHINE, SURFA  |      |
| RECIPROCATING-TABLE,   | ĺ    |
| HORIZONTAL-SPINDLE, POW  | ER-  |
| FEED   |      |
| MIL-T-29015(1) TRAINING AID, MOCKUP,   |      |
| SAFETY VALVE, HUDDLING   |      |
|  |      |
| CHAMBER (NO S/S DOCUME   |      |
| OO-S-870E SWEEPER, ROTARY, SELF-   | TDE  |
| PROPELLED, INDUSTRIAL TY   | PE,  |
| RIDER OPERATED   |      |
| MIL-PRF-32037 BLAST CLEANING ROOM  |      |
| MIL-I-22772(2) INSECTICIDE, 2-PERCENT  |      |
| DIAZINON DUST (NO S/S  |      |
| DOCUMENT)  |      |
| MIL-T-82374A TRAINING AID, CUTAWAY,  |      |
| INTERNAL COMBUSTION  |      |
| ENGINE (NO S/S DOCUMENT)   |      |
| MIL-T-82348A TRAINING AID, SECTIONALIZ   |      |
| ,  | ICD  |
| TRACTOR ENGINE (NO S/S   |      |
| DOCUMENT)  MILE 52740C(1) FORWARD AREA REFUEL BIG  |      |
| MIL-F-52749C(1) FORWARD AREA REFUELING   | í    |
| EQUIPMENT (FARE) (NO S/S   |      |
| DOCUMENT)  |      |

|                  | T                            |
|------------------|------------------------------|
| MIL-PRF-62284A   | BLOWER ASSEMBLY, AIR         |
|                  | CLEANER                      |
| MIL-C-23768A(1)  | CONTROL, INTEGRATED          |
|                  | ELECTRONIC CENTRAL C-4850( * |
|                  | )/ASQ-85                     |
| MIL-R-55656(2)   | RADIO SET, AN/GRC-103() (V)  |
|                  | BASIC                        |
| MIL-G-70617B     | GUNFIRE SIMULATOR: 12725085- |
|                  | 1                            |
| MIL-HDBK-1027/3B | RANGE FACILITIES AND         |
|                  | MISCELLANEOUS TRAINING       |
|                  | FACILITIES OTHER THAN        |
|                  | BUILDINGS                    |
| MIL-STD-1682-8   | SHIPYARD INSPECTION AND      |
|                  | CLEANING PROCEDURES FOR      |
|                  | SUBMARINES PART 8 MISSILE    |
|                  | CONTROL CENTER SSBN 627      |
|                  | CLASS (NO S/S DOCUMENT)      |
| MIL-S-23923D     | SPRAYER AND DUSTER UNITS,    |
|                  | INSECTICIDE, MIST DUST       |
|                  | BLOWER TYPE, GED, 30 TO 100  |
|                  | GAL/H LIQUID, 30 TO 300 LB/H |
|                  | DUST (COMMERCIAL)            |
| MIL-C-27016A(2)  | CONTROL-MONITOR DCU-9/A      |
|                  | (NO S/S DOCUMENT)            |